

|   |                          |  |                          |   |                                       |                                  |                          |                                   |                                     |                                     |
|---|--------------------------|--|--------------------------|---|---------------------------------------|----------------------------------|--------------------------|-----------------------------------|-------------------------------------|-------------------------------------|
| LOCKHEED AIRCRAFT CORP.   |                          | ENGINEERING STUDY <input type="checkbox"/>     |                          | CHANGE PROPOSAL <input checked="" type="checkbox"/> |                                       | LAC-11                           |                          |                                   |                                     |                                     |
| DATE<br>3-25-59   |                          | AFFECTS:                                       |                          | WSPO <input checked="" type="checkbox"/>            |                                       | PROJECT <input type="checkbox"/> |                          |                                   |                                     |                                     |
| NAME OF MAJOR COMPONENT<br>AIRPLANE   |                          | PART OR LOWEST SUBASSEMBLY<br>BALLAST          |                          | PART NO. & MODEL OR TYPE                            |                                       |                                  |                          |                                   |                                     |                                     |
| TITLE OF PROPOSAL: Revision of T.O. 1-1B-40 Weight & Balance Data and Addition of Ballast   |                          |  |                          |   |                                       |                                  |                          |                                   |                                     |                                     |
| NATURE OF PROPOSAL:<br>To increase tail ballast to 220 lbs. This compensates for increased equipment weight (Weather Package or System IV). This change applies to the three ASN-6 airplanes - Serials 376, 386 and 387. See copy of SB 386 attached. |                          |  |                          |   |                                       |                                  |                          |                                   |                                     |                                     |
| REASON FOR PROPOSAL:<br>To correct nose heavy conditions of loaded airplanes.   |                          |  |                          |   |                                       |                                  |                          |                                   |                                     |                                     |
| ES  |                          | ESTIMATED COST AND TIME INVOLVED: --           |                          |   |                                       |                                  |                          |                                   |                                     |                                     |
|   |                          | ADDITIONAL FUNDING REQUIRED: --                |                          |   |                                       |                                  |                          |                                   |                                     |                                     |
| CP  |                          | ESTIMATED COST FOR KITS OR PARTS: \$150.00 ea. |                          |   |                                       |                                  |                          |                                   |                                     |                                     |
|   |                          | ADDITIONAL FUNDING REQUIRED: NONE (SP-1917)    |                          |   |                                       |                                  |                          |                                   |                                     |                                     |
| ITEMS AFFECTED BY PROPOSAL:   |                          |  |                          |   |                                       |                                  |                          |                                   |                                     |                                     |
| SAFETY  | MISSION EFFEC- TIVENESS  | PERFORM- ANCE                                  | OPERATING PROCEDURE      | INTER- CHANGE- ABILITY                              | WEIGHT OR WEIGHT & BALANCE            | TOOLS & SUPPORT EQUIPMENT        | MAINTENANCE PROCEDURE    | SERVICE LIFE                      | FLIGHT MANUAL                       | MAINTENANCE MANUAL                  |
| <input checked="" type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>                       | <input type="checkbox"/> | <input type="checkbox"/>                            | <input checked="" type="checkbox"/>   | <input type="checkbox"/>         | <input type="checkbox"/> | <input type="checkbox"/>          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD  |                          |  |                          |   |                                       |                                  |                          | 12 excluding pulling aft fuselage |                                     |                                     |
| SOURCE OF PARTS FOR KIT<br>LAC  |                          |  |                          |   | AVAILABILITY                          |                                  |                          | 3 WEEKS AFTER APPROVAL            |                                     |                                     |
| DISPOSITION OF SPARES AFFECTED<br>NONE  |                          |  |                          |   |                                       |                                  |                          | STATINTL                          |                                     |                                     |
| INITIATED BY:<br>LAC  |                          |  |                          |   | APPROVED: WSPO <i>orally approved</i> |                                  |                          | PROJECT <i>by</i>                 |                                     |                                     |